

Svyatoslav Nastyshyn

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8055507/publications.pdf>

Version: 2024-02-01

11
papers

186
citations

1478458

6
h-index

1281846

11
g-index

11
all docs

11
docs citations

11
times ranked

217
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature-Controlled Orientation of Proteins on Temperature-Responsive Grafted Polymer Brushes: Poly(butyl methacrylate) vs Poly(butyl acrylate): Morphology, Wetting, and Protein Adsorption. <i>Biomacromolecules</i> , 2019, 20, 2185-2197.	5.4	36
2	Non-cytotoxic, temperature-responsive and antibacterial POEGMA based nanocomposite coatings with silver nanoparticles. <i>RSC Advances</i> , 2020, 10, 10155-10166.	3.6	36
3	“Command” surfaces with thermo-switchable antibacterial activity. <i>Materials Science and Engineering C</i> , 2019, 103, 109806.	7.3	34
4	Cholesterol-Based Grafted Polymer Brushes as Alignment Coating with Temperature-Tuned Anchoring for Nematic Liquid Crystals. <i>Langmuir</i> , 2016, 32, 11029-11038.	3.5	25
5	Fabrication and Impact of Fouling-Reducing Temperature-Responsive POEGMA Coatings with Embedded CaCO ₃ Nanoparticles on Different Cell Lines. <i>Materials</i> , 2021, 14, 1417.	2.9	24
6	Protein corona of SiO ₂ nanoparticles with grafted thermoresponsive copolymers: Calorimetric insights on factors affecting entropy vs. enthalpy-driven associations. <i>Applied Surface Science</i> , 2022, 601, 154201.	6.1	9
7	Differential and integral Jones matrices for a cholesteric. <i>Physical Review A</i> , 2018, 97, .	2.5	6
8	Differential and integral extended Jones matrices for oblique light propagation through a deformed crystal. <i>Physical Review A</i> , 2013, 87, .	2.5	5
9	Optical spatial dispersion in terms of Jones calculus. <i>Physical Review A</i> , 2019, 100, .	2.5	4
10	Grafted polymer brush coatings for growth of cow granulosa cells and oocyte-cumulus cell complexes. <i>Biointerphases</i> , 2020, 15, 031006.	1.6	4
11	Ray tracing matrix approach for refractive index mismatch aberrations in confocal microscopy. <i>Applied Optics</i> , 2017, 56, 2467.	2.1	3